

CLAIMS

What is claimed is:

1. A cable comprising:

a plurality of first twisted pairs of conductors having a first lay direction and a first lay length, wherein said plurality of first twisted pairs are twisted together as a bundle; and

a second twisted pair of conductors having a second lay direction and a second lay length, wherein said second lay direction is opposite to said first lay direction and wherein said second lay length is different than said first lay length; and

an outer sleeve encompassing said bundle and said second twisted pair laid in parallel with said bundle.

2. The cable of claim 1, wherein said second lay length is longer than said first lay length.

3. The cable of claim 1, wherein said first lay direction is clockwise and said second lay direction is counterclockwise.

4. The cable of claim 1, wherein said first lay direction is counterclockwise and said second lay direction is clockwise.

5. The cable of claim 1, wherein said bundle is twisted in said first lay direction.

6. The cable of claim 1, wherein said plurality of first twisted pairs are of substantially equivalent electrical length.

7. The cable of claim 6, wherein said outer jacket comprises markings for cutting locations associated with minimum skew.

8. The cable of claim 1, further comprising a third twisted pair laid in parallel with said bundle and encompassed by said jacket.

9. The cable of claim 1, wherein said cable has a tear drop shaped cross-section.

10. A UTP cable comprising:
a bundle of twisted pairs, said bundle comprising:
a first twisted pair;
a second twisted pair; and
a third twisted pair;
wherein said first twisted pair, said second twisted pair and said
third twisted pair have a common lay length and a common lay direction;
a fourth twisted pair laid in parallel with said bundle, said fourth twisted
pair having a lay length different from said common lay length and a lay
direction opposite to said common lay direction.

11. The cable of claim 10, further comprising an outer jacket
encompassing said bundle and said fourth twisted pair.

12. The cable of claim 10, wherein said bundle is twisted in said
common lay direction.

13. The cable of claim 10, wherein said cable has a tear drop shaped
cross-section.

14. A method for making a cable comprising:
twisting a plurality of twisted pairs into a bundle, said plurality of twisted pairs having a common lay direction and a common lay length;
laying an additional twisted pair in parallel with said bundle, said additional twisted pair having a lay direction opposite to said common lay direction and a lay length that differs from said common lay length;
encompassing said bundle and said additional twisted pair in an outer jacket.

15. The method of claim 14, wherein said encompassing comprises feeding said bundle and said additional twisted pair in parallel through an extruder.

16. The method of claim 14, wherein said twisting is performed in said common lay direction.

17. The method of claim 14, wherein said additional twisted pair has a lay length that is longer than said common lay length.

18. The method of claim 14 wherein said plurality is three.

19. The method of claim 14, wherein said common lay direction is clockwise.

20. The method of claim 14, wherein said common lay direction is counterclockwise.